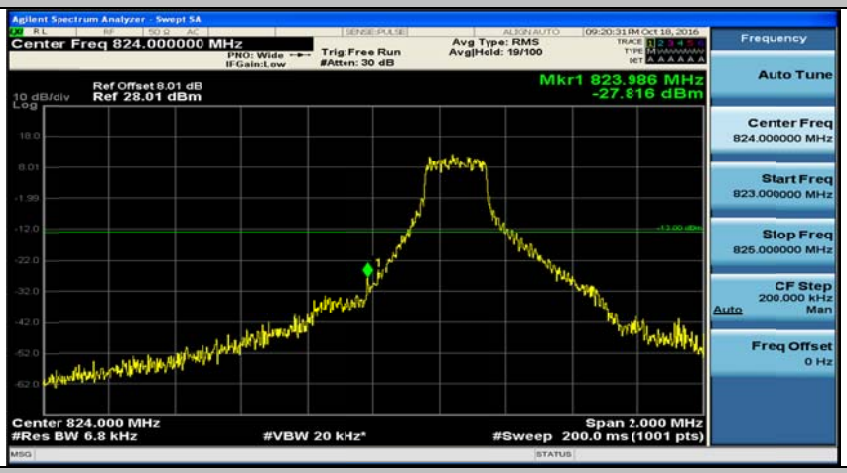
# Appendix D: Band Edge

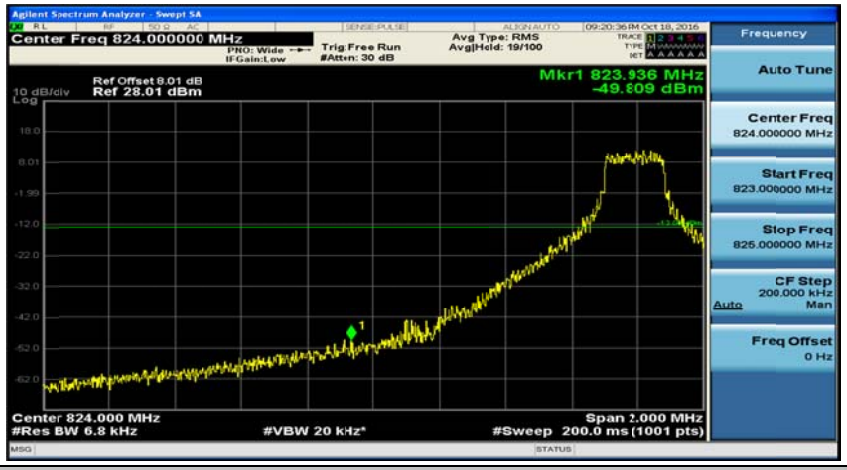
## Test Graphs

## Channel Bandwidth: 1.4 MHz

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0

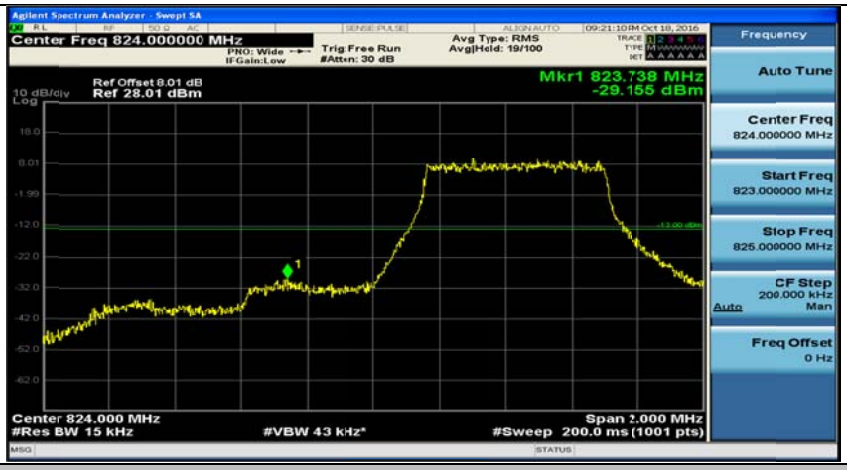



(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3




(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#0




(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#2

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_3RB#3

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0

(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3

(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5

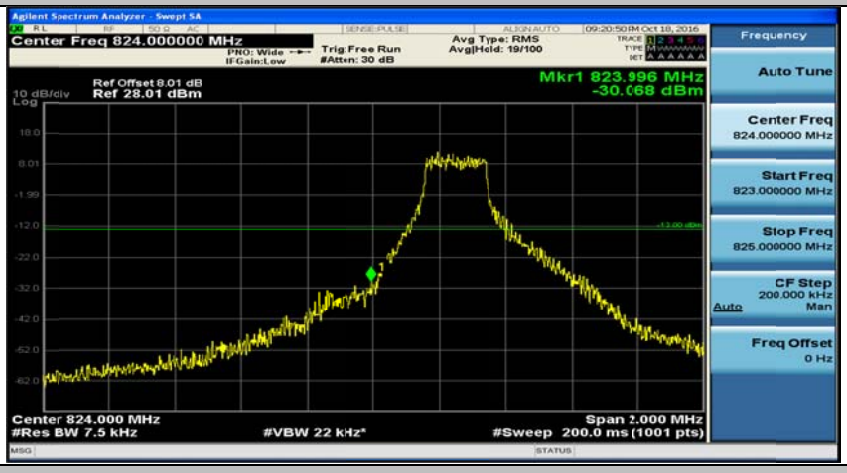
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#0

(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#2

(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_3RB#3

(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0

(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0




(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3

(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5

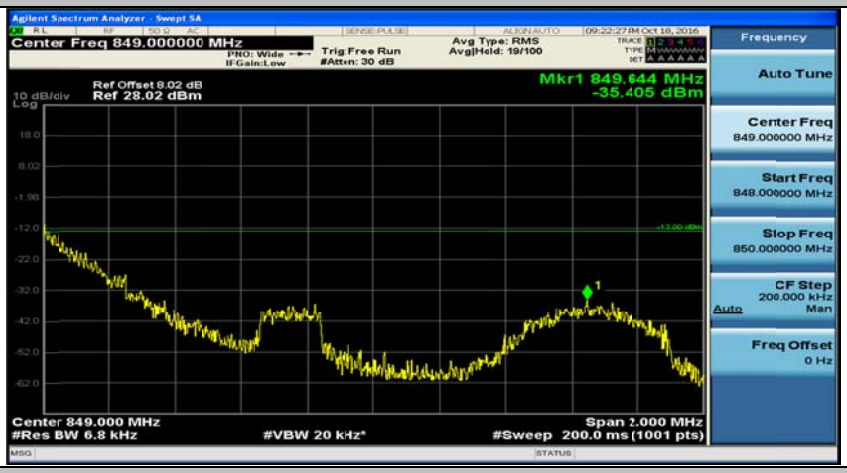
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#0

(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#2

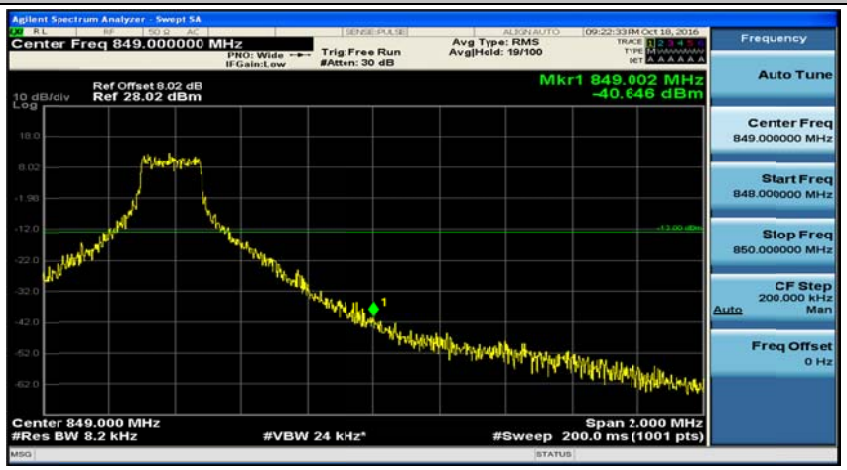
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_3RB#3

(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0

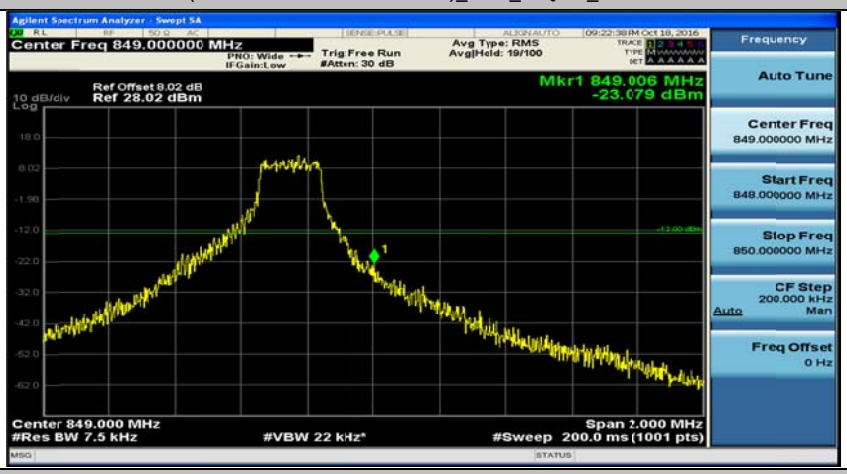
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0




(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3




(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5



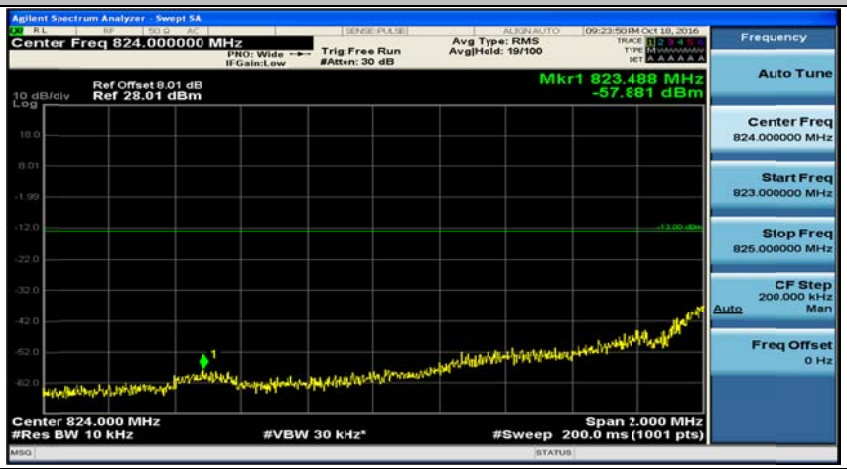

(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#0

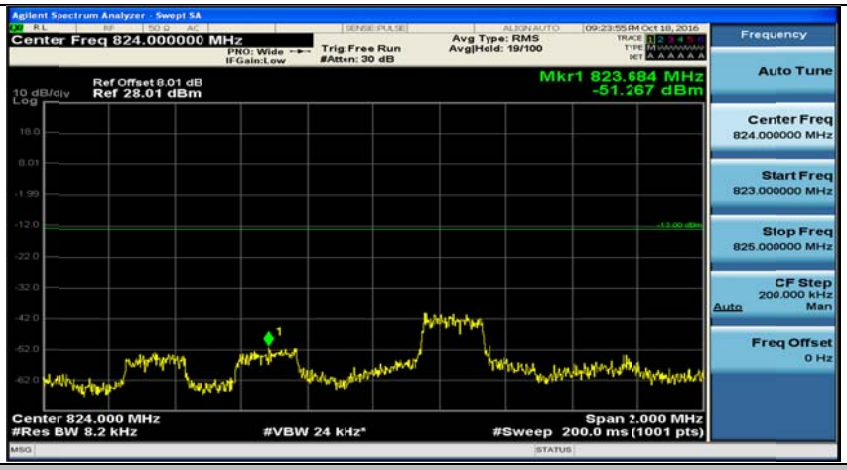
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#2

(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_3RB#3

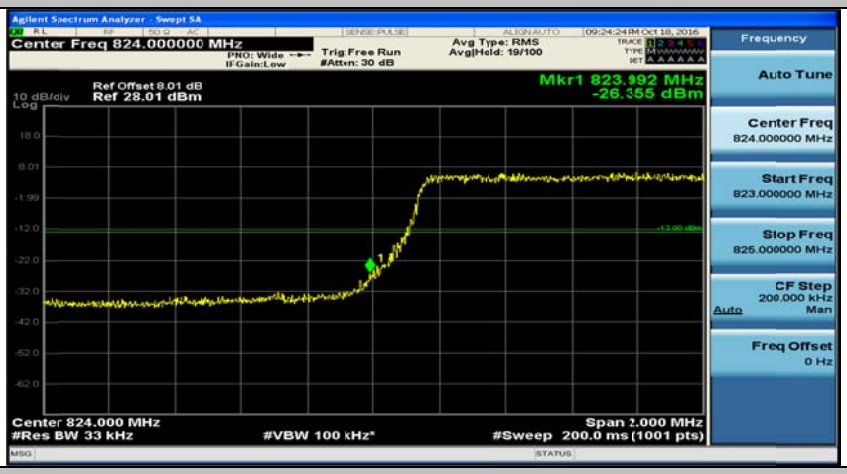
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0

## Channel Bandwidth: 3 MHz

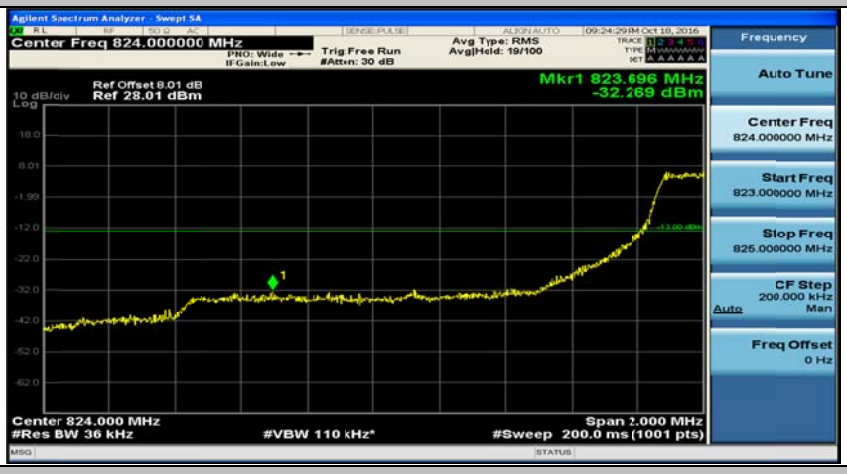
| (Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0 |
| --- |
| |
| (Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7 |
|  |
| (Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14 |



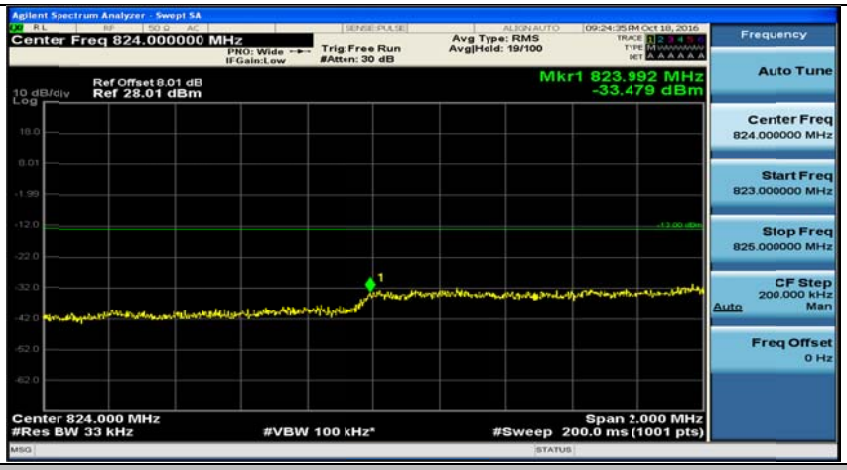

(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#0



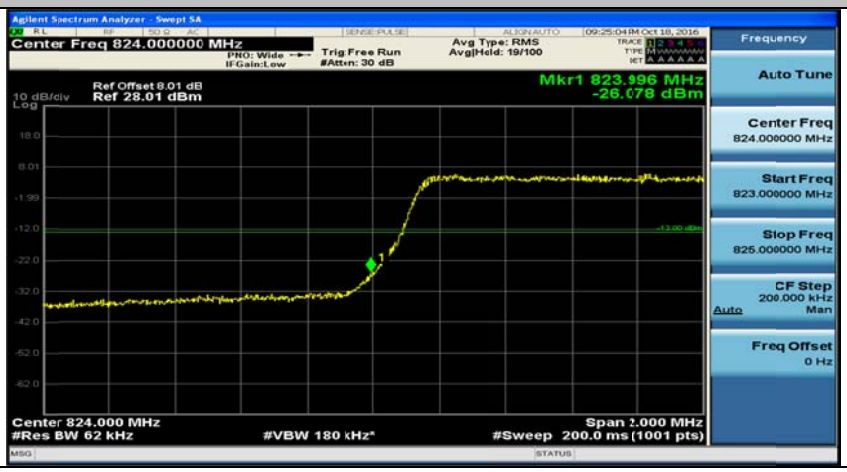

(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#4




(Channel Bandwidth: 3 MHz)_LCH_QPSK_8RB#7

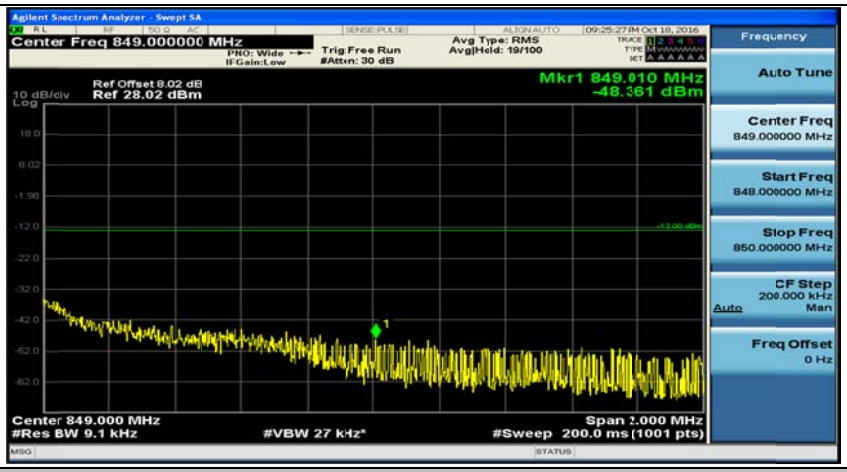



(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



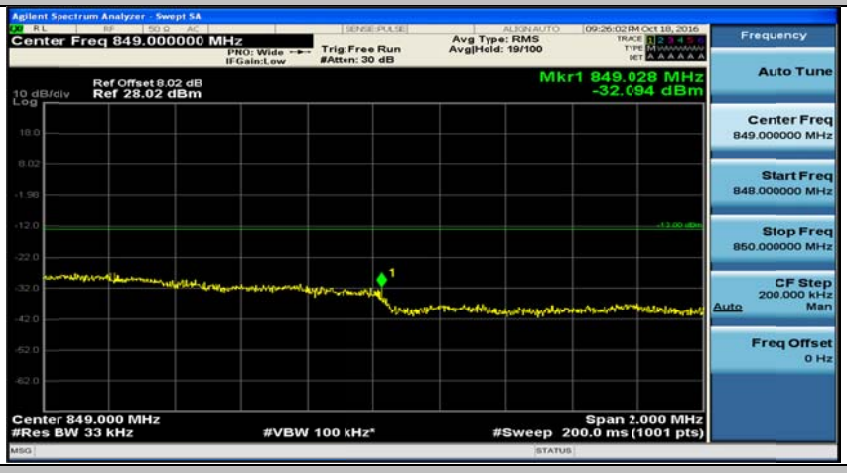

(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7




(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14

(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#0

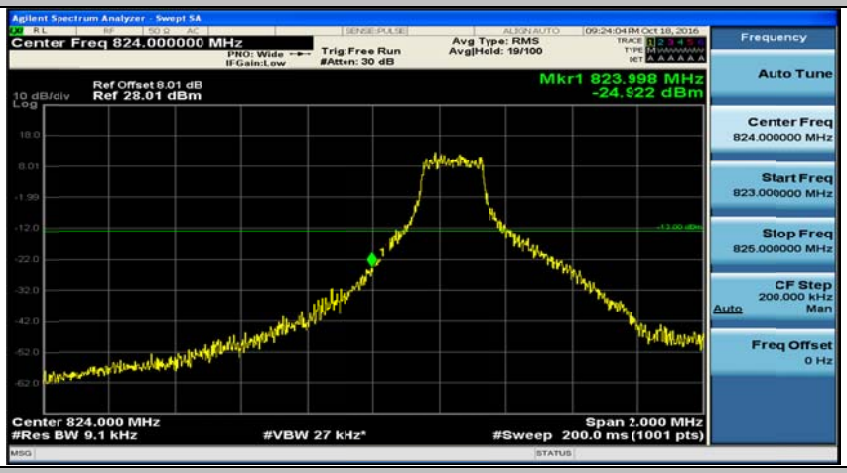



(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#4

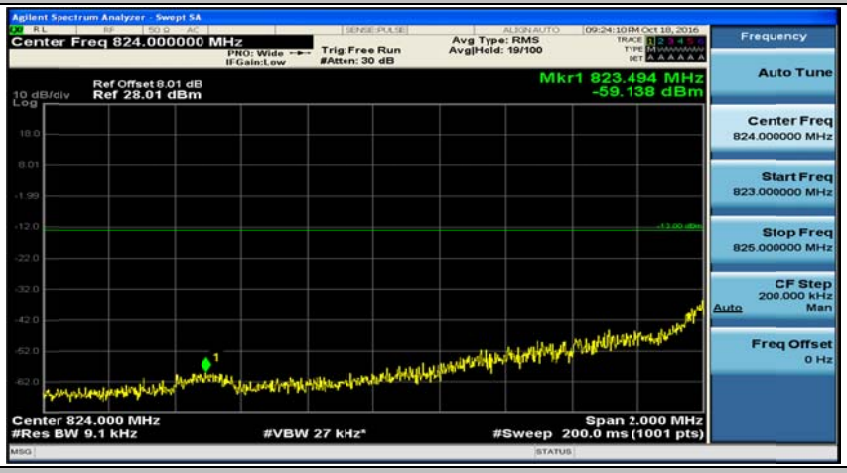
(Channel Bandwidth: 3 MHz)_HCH_QPSK_8RB#7

(Channel Bandwidth: 3 MHz)_HCH_QPSK_15RB#0

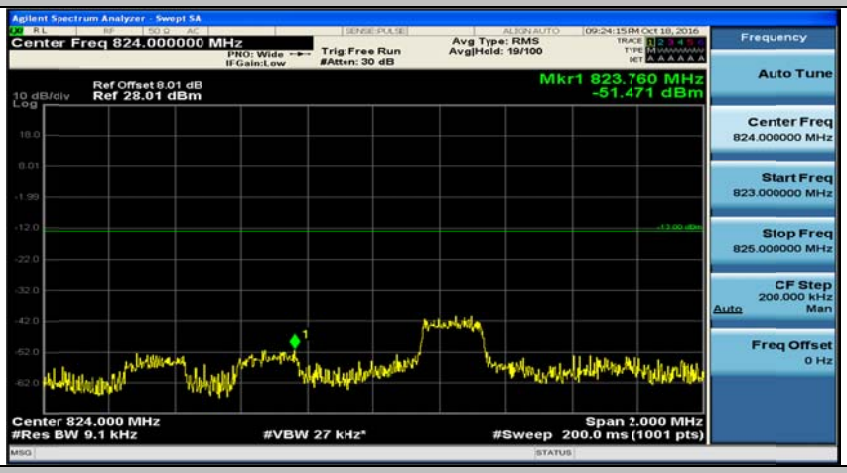
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0




(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7

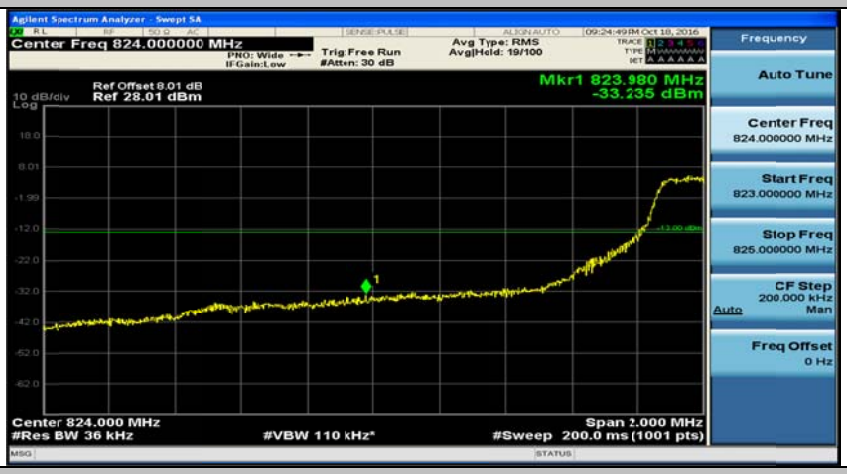



(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14

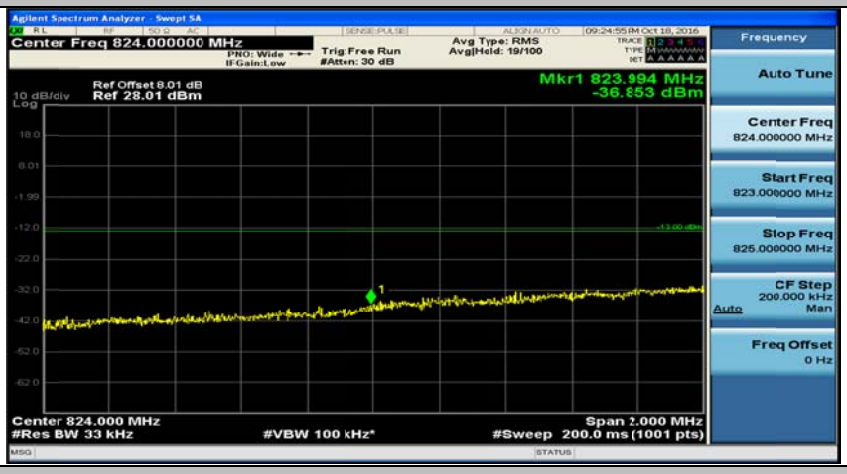



(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#0

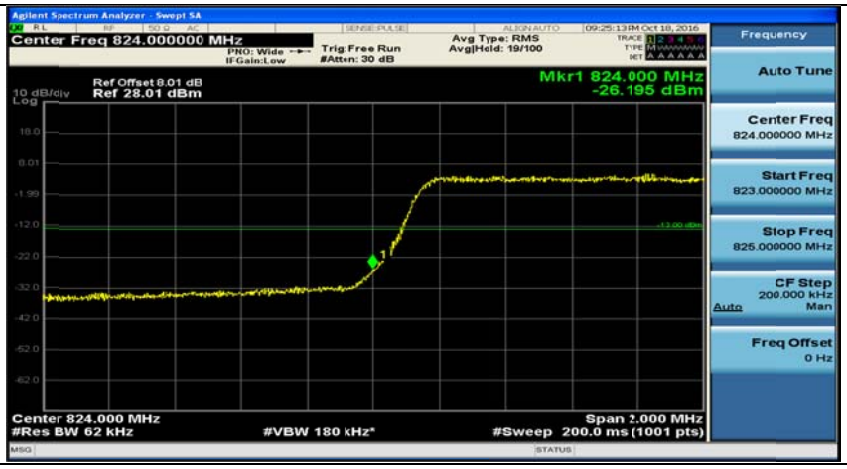
(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#4




(Channel Bandwidth: 3 MHz)_LCH_16QAM_8RB#7

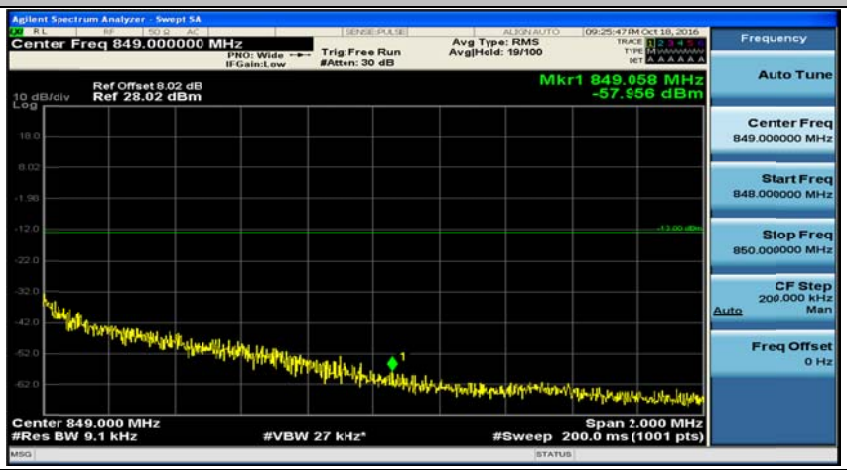



(Channel Bandwidth: 3 MHz)_LCH_16QAM_15RB#0

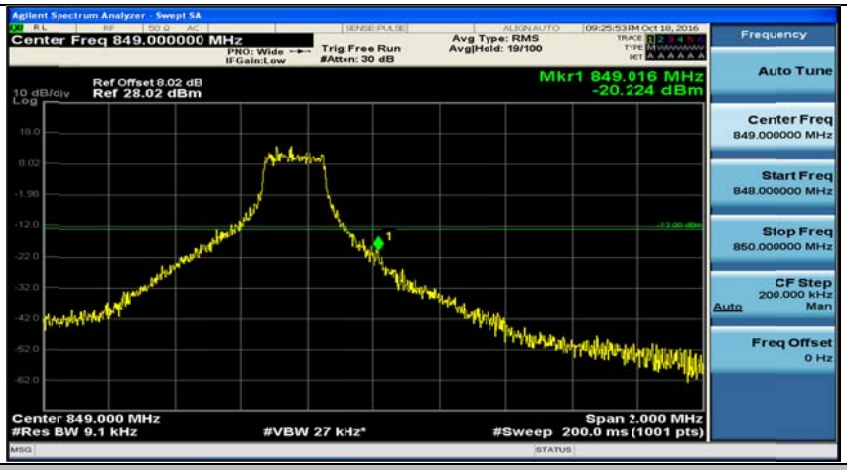



(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#0

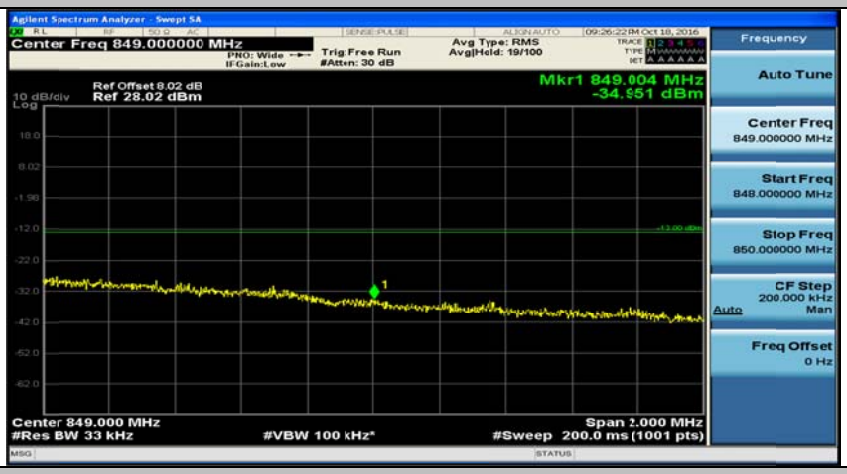
(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7




(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14




(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#0



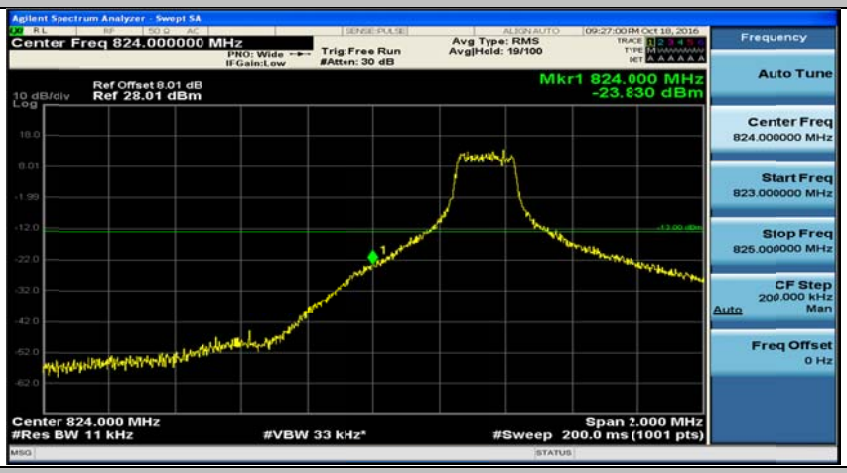

(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#4

(Channel Bandwidth: 3 MHz)_HCH_16QAM_8RB#7

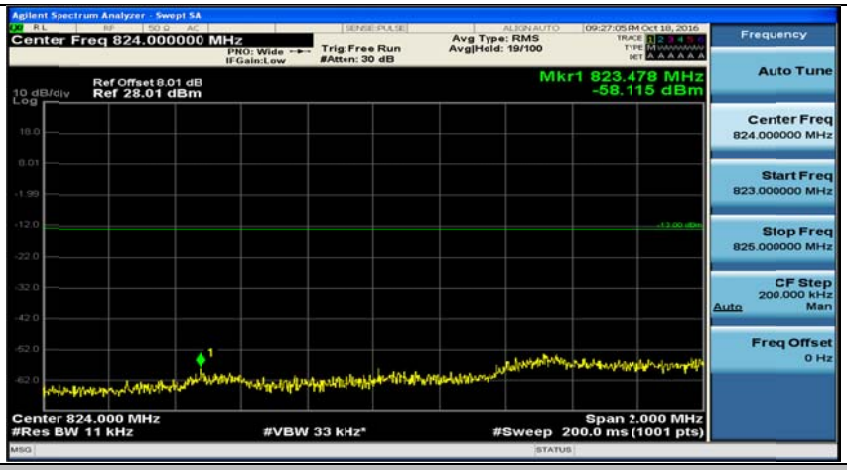
(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

## Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0

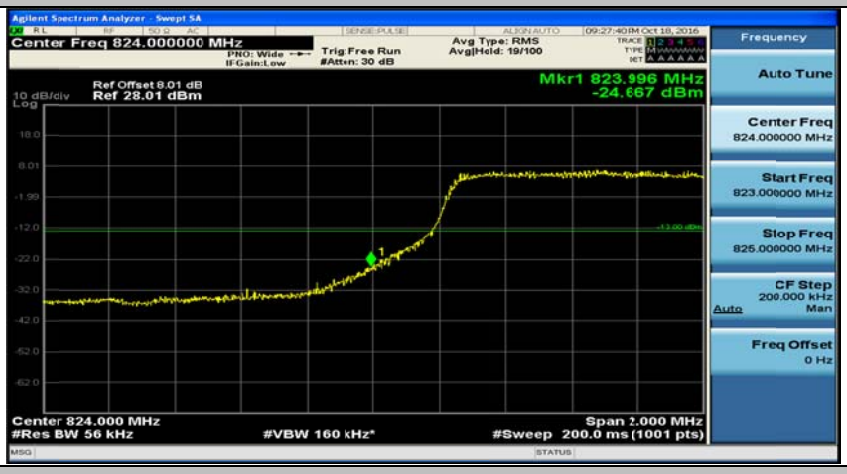



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12

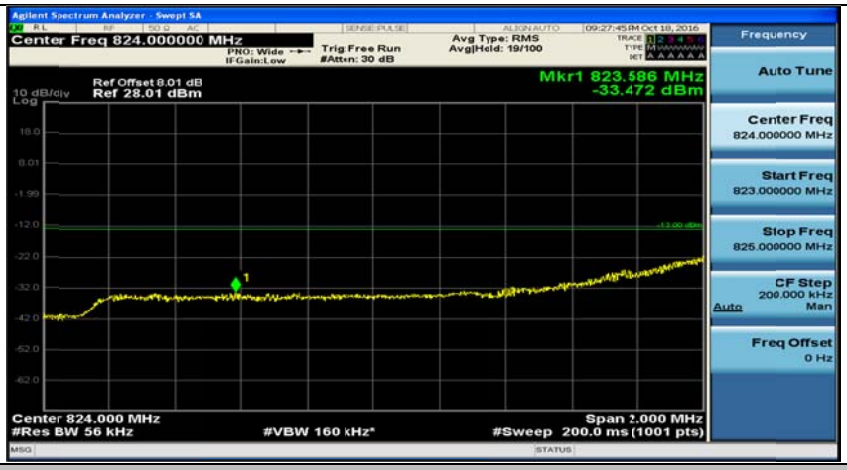



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24

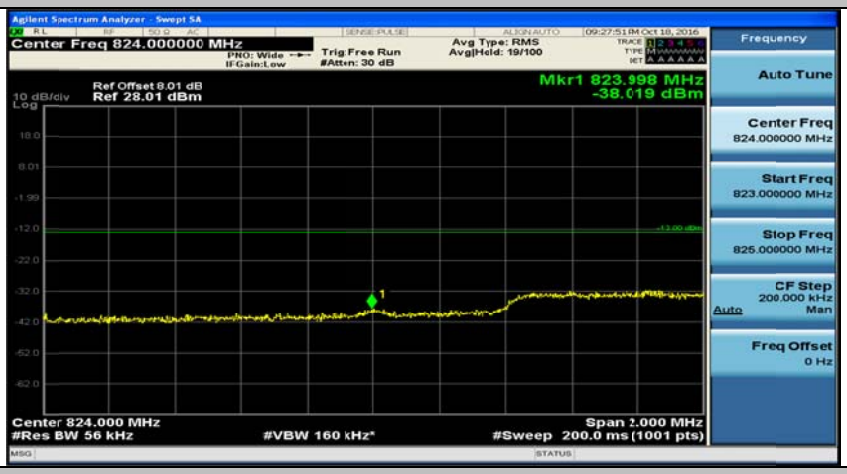
(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#0



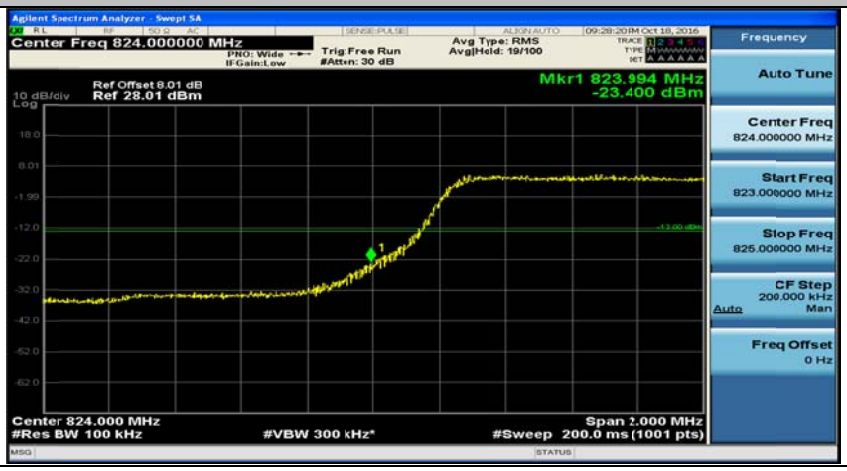

(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#6



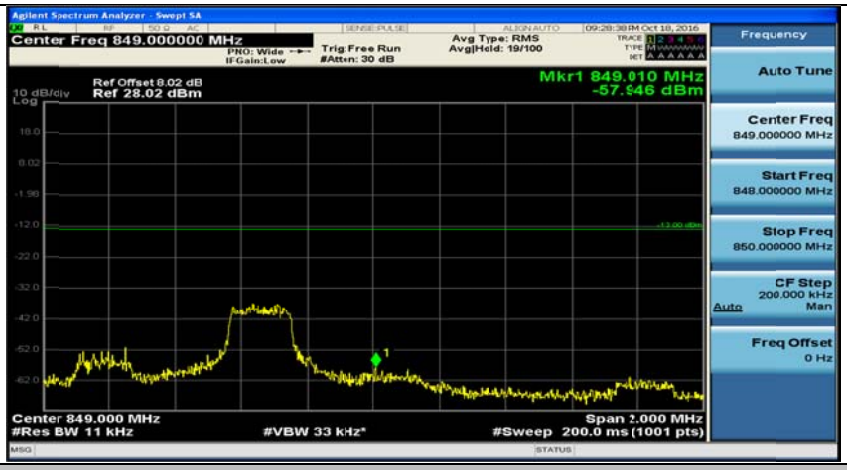

(Channel Bandwidth: 5 MHz)_LCH_QPSK_12RB#13



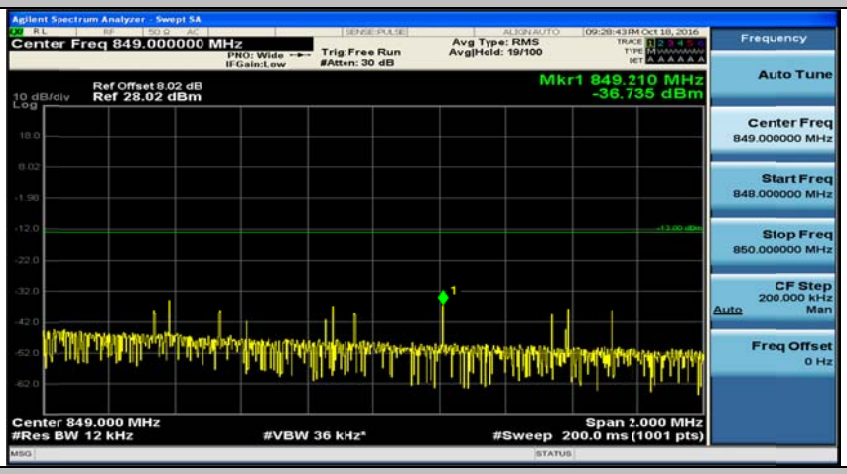

(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0




(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#0

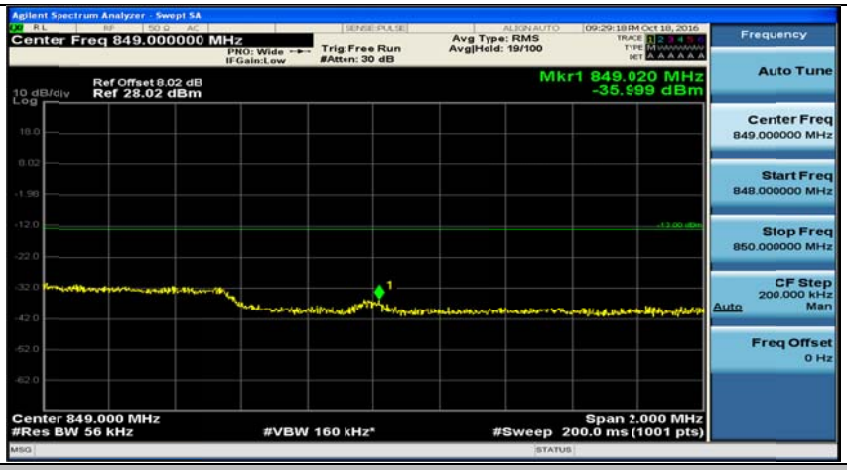



(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#12




(Channel Bandwidth: 5 MHz)_HCH_QPSK_1RB#24

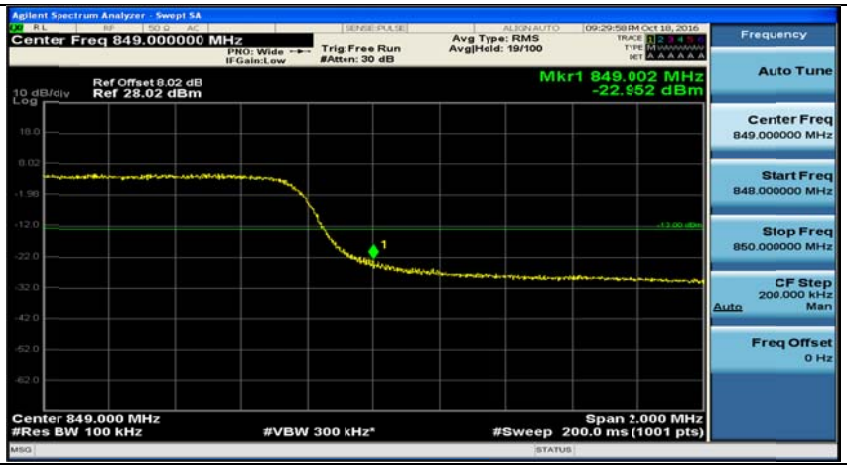
(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#0



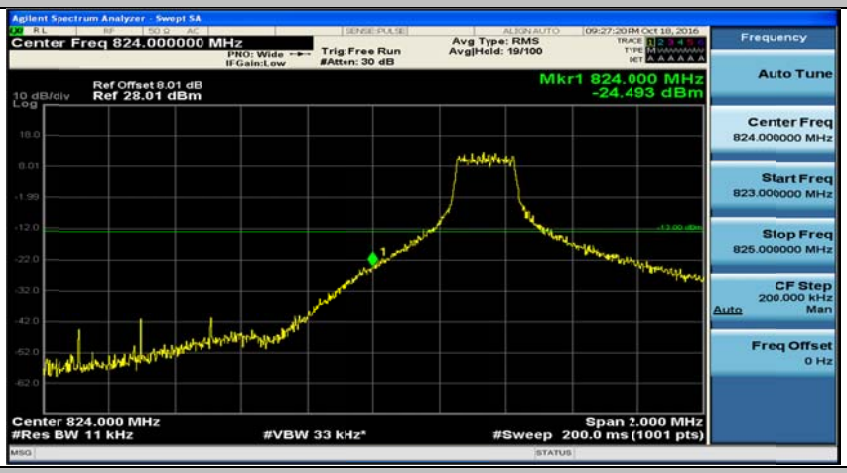

(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#6

(Channel Bandwidth: 5 MHz)_HCH_QPSK_12RB#13

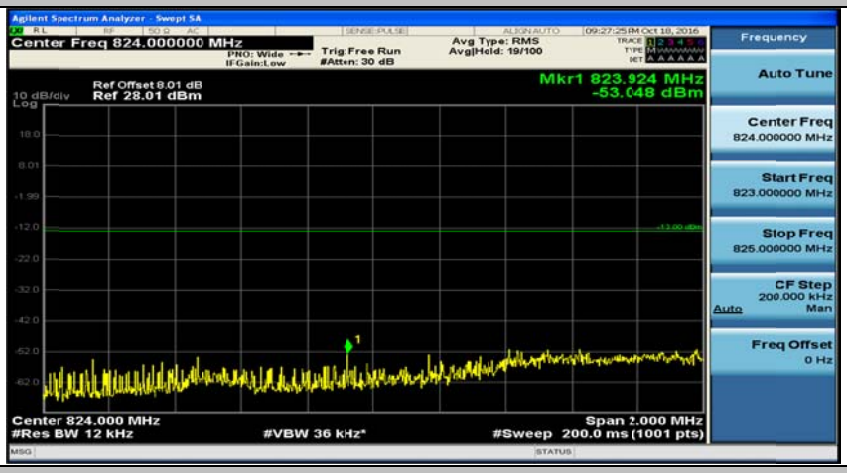
(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0




(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#0

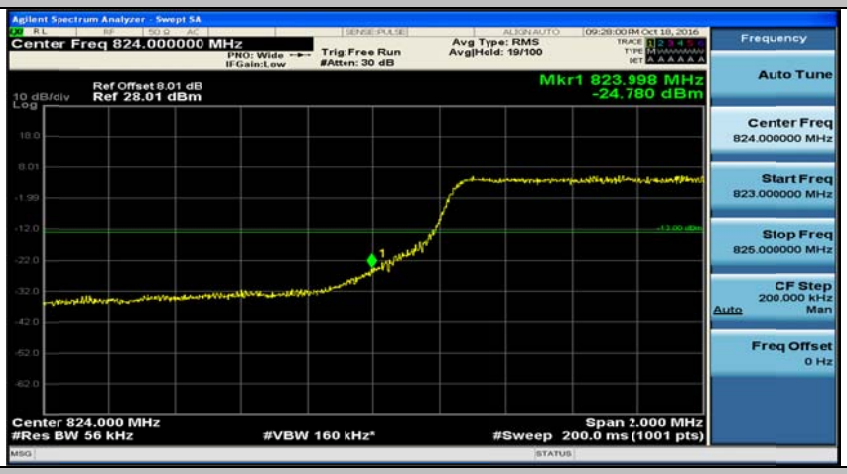



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#12

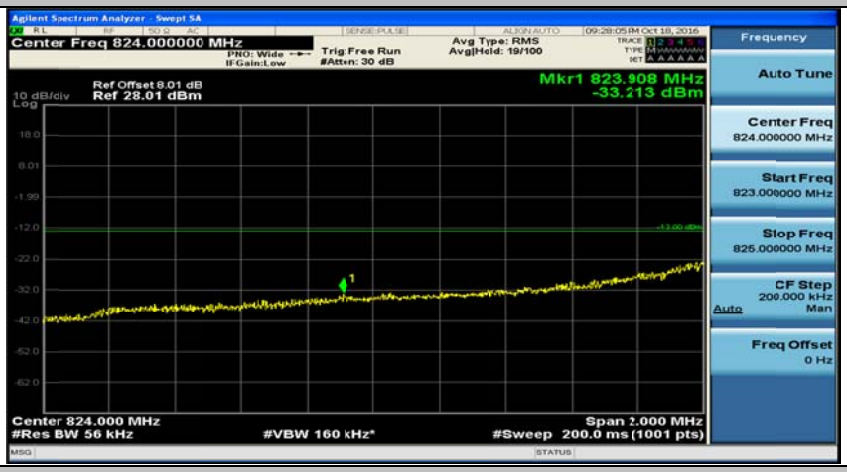



(Channel Bandwidth: 5 MHz)_LCH_16QAM_1RB#24

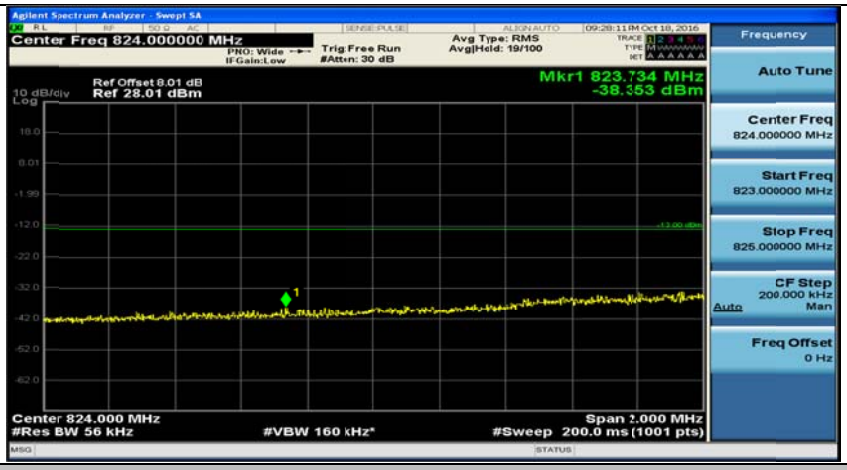
(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#0




(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#6

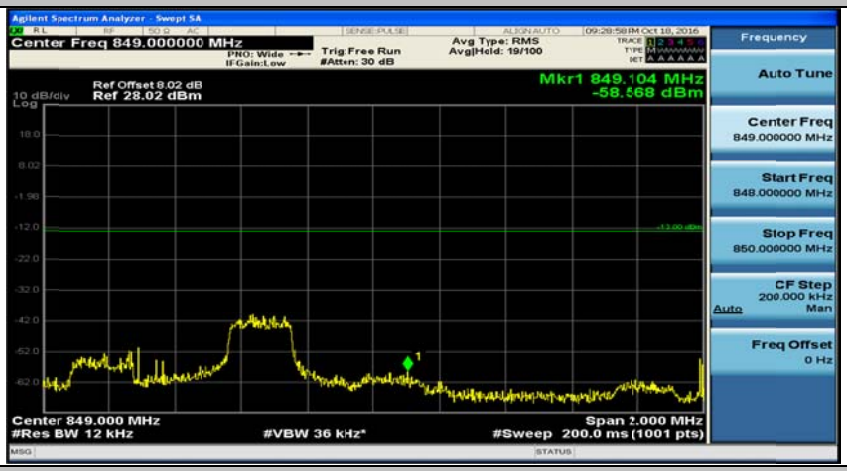



(Channel Bandwidth: 5 MHz)_LCH_16QAM_12RB#13

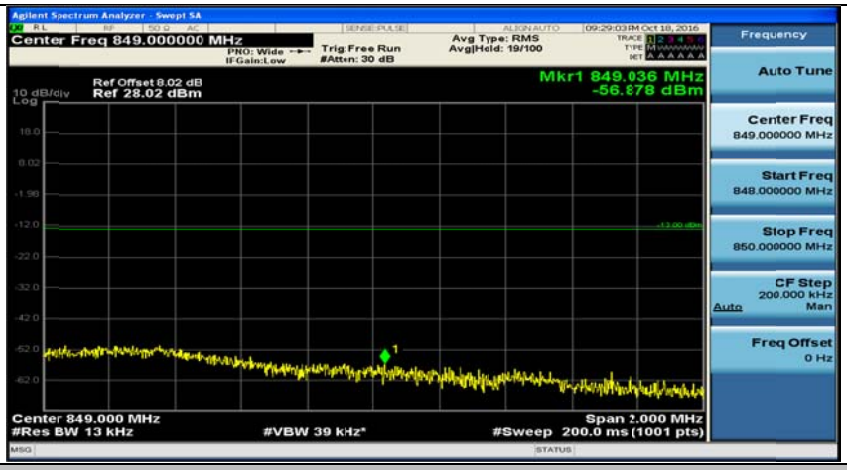



(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0

(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#0

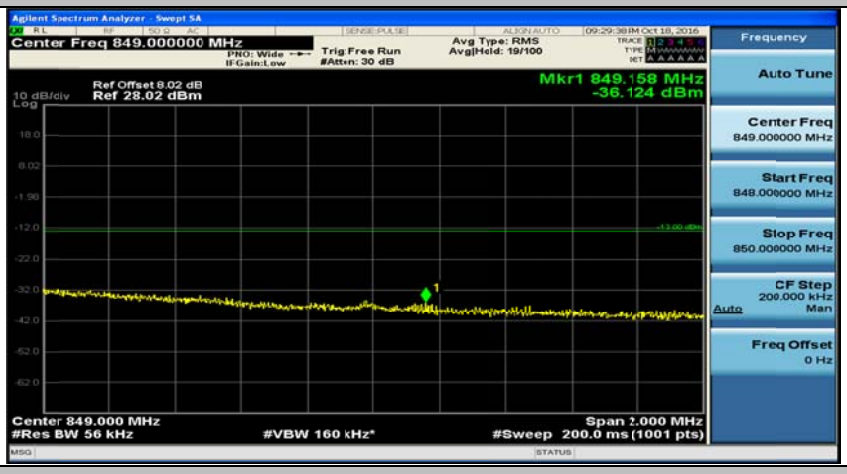



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#12

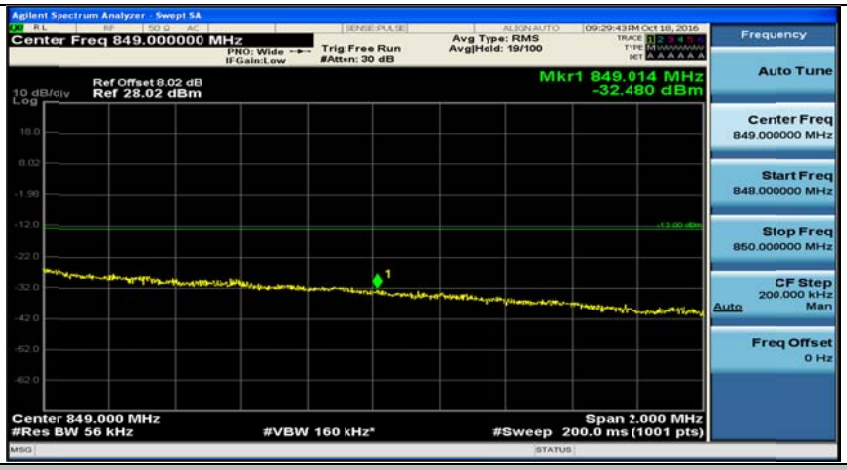



(Channel Bandwidth: 5 MHz)_HCH_16QAM_1RB#24

(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#0



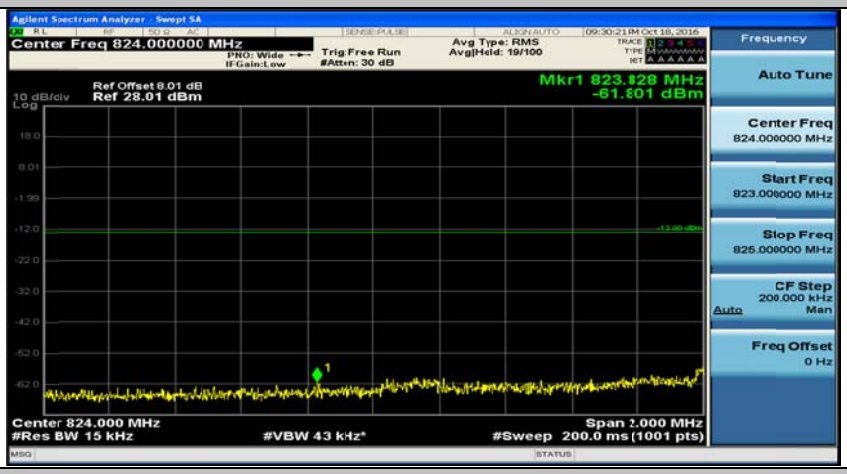

(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#6



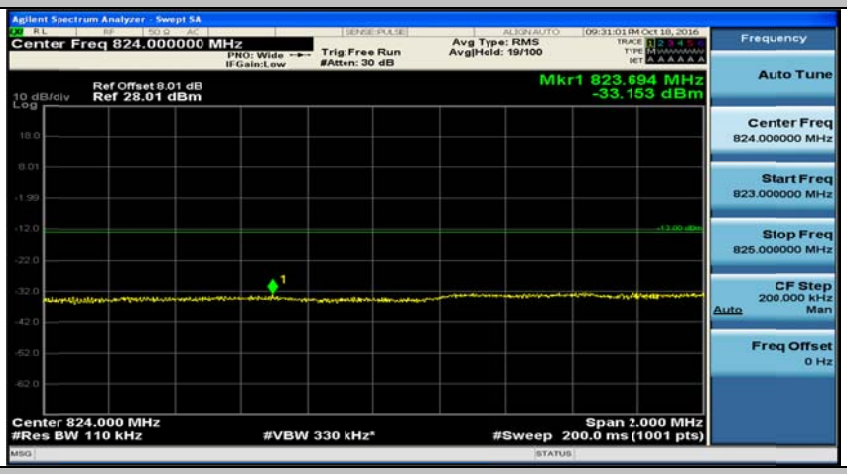

(Channel Bandwidth: 5 MHz)_HCH_16QAM_12RB#13

(Channel Bandwidth: 5 MHz)_HCH_25RB#0

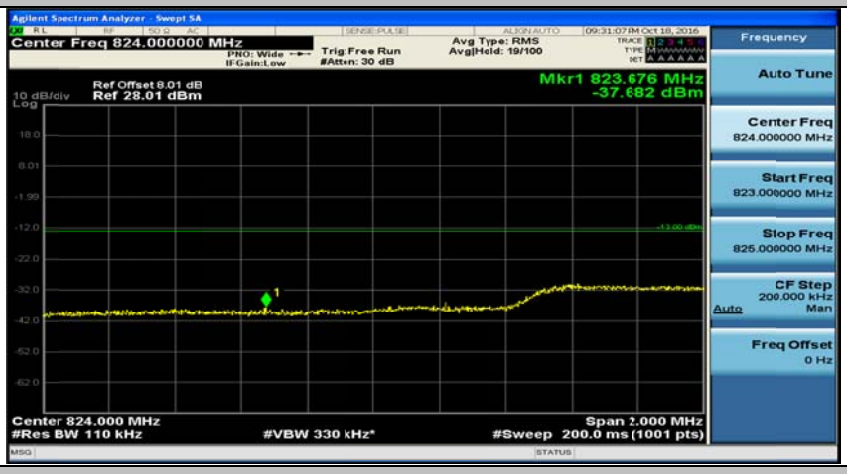
## Channel Bandwidth: 10 MHz

| Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#0 |
| --- |
| |
| Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#24 |
|  |
| Channel Bandwidth: 10 MHz_LCH_QPSK_1RB#49 |
| |
| Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#0 |

Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#12

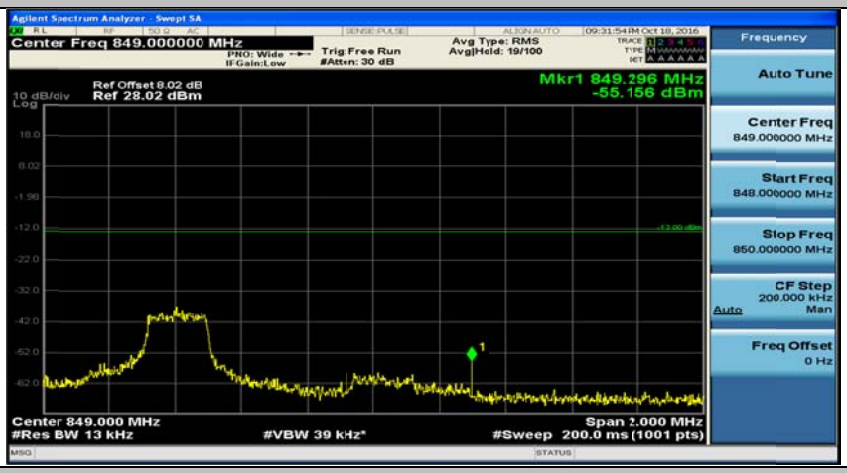



Channel Bandwidth: 10 MHz_LCH_QPSK_25RB#25

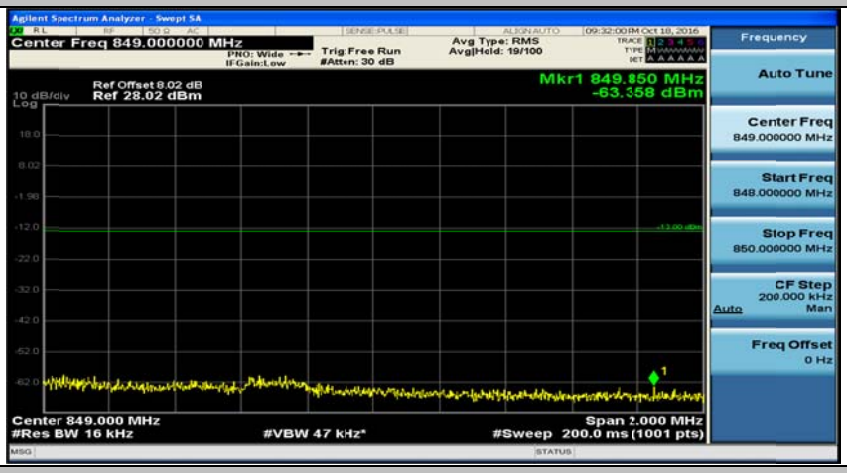



Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0

Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#0

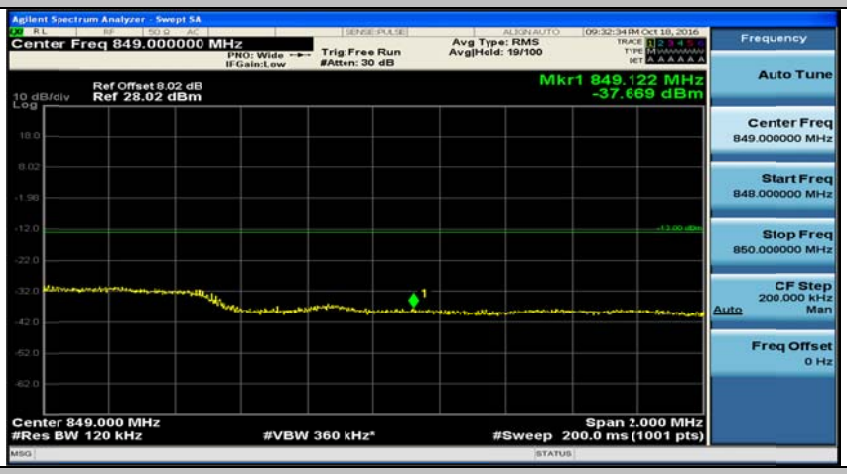



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#24

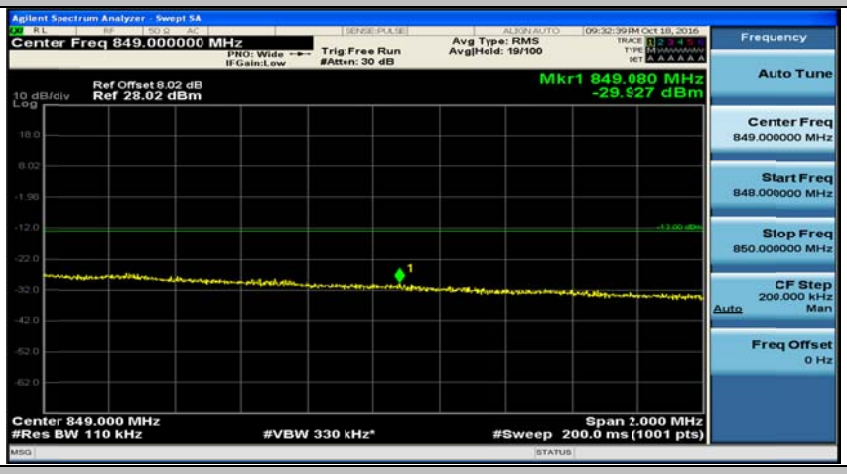



Channel Bandwidth: 10 MHz_HCH_QPSK_1RB#49

Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#0




Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#12

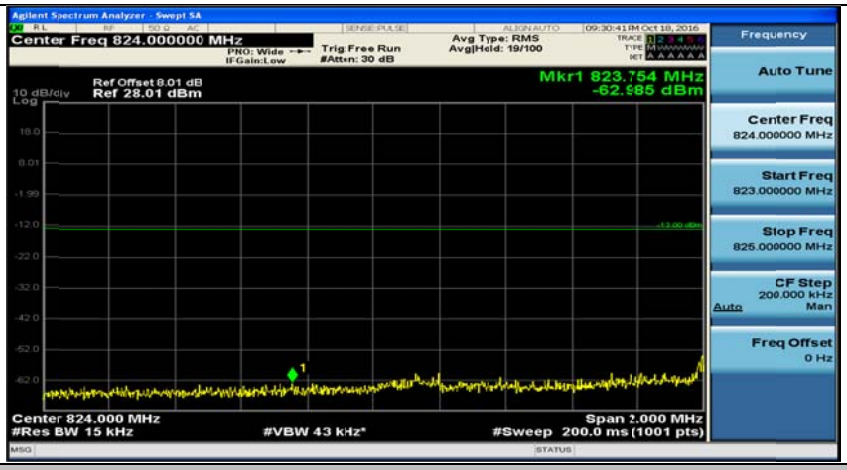



Channel Bandwidth: 10 MHz_HCH_QPSK_25RB#25

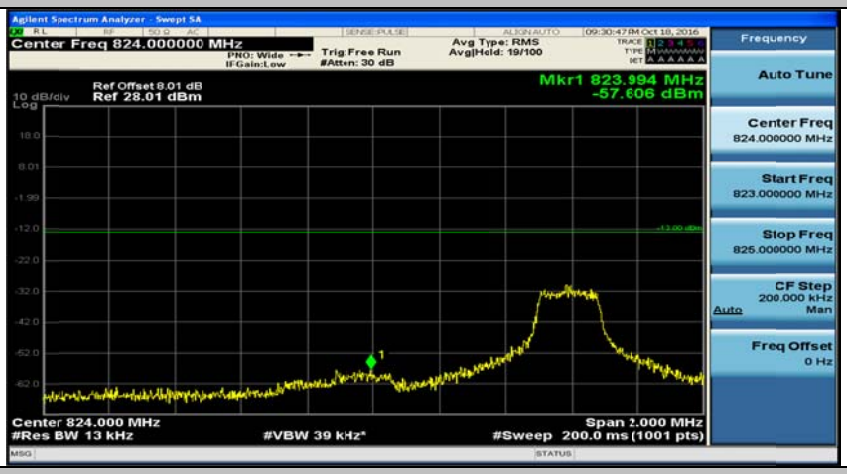
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0

Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#0

Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#24

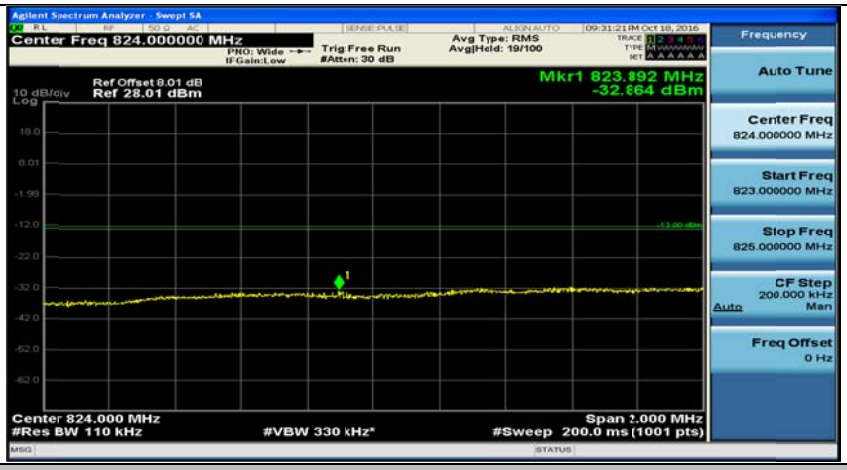



Channel Bandwidth: 10 MHz_LCH_16QAM_1RB#49

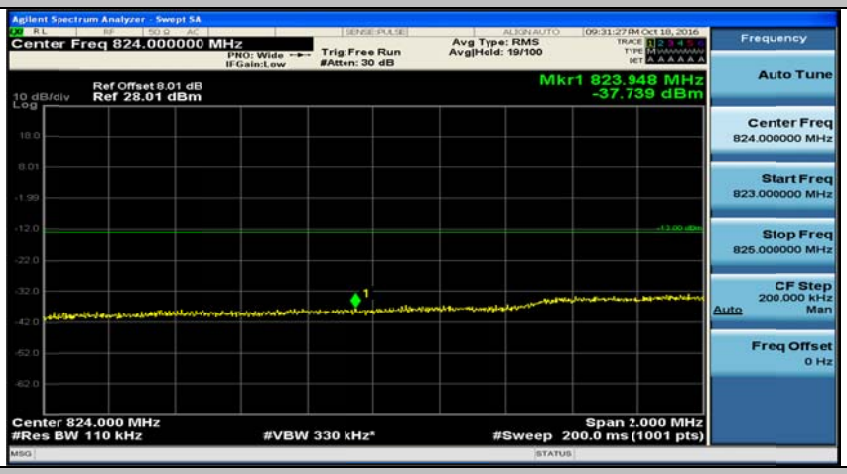



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#0

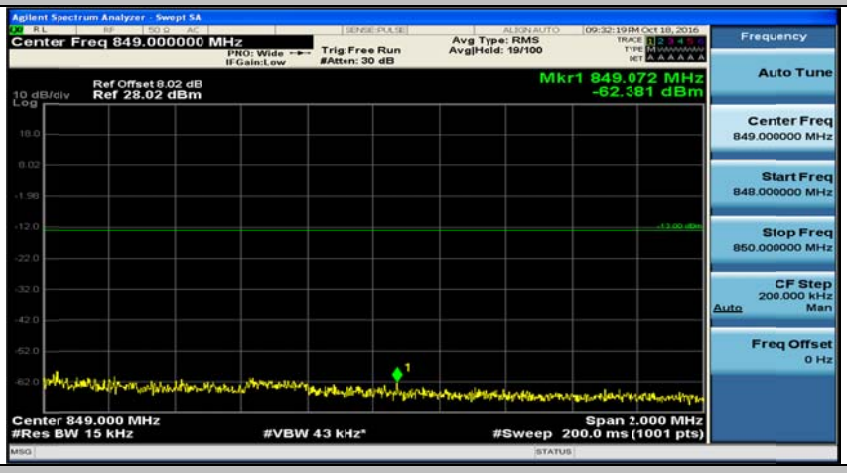
Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#12

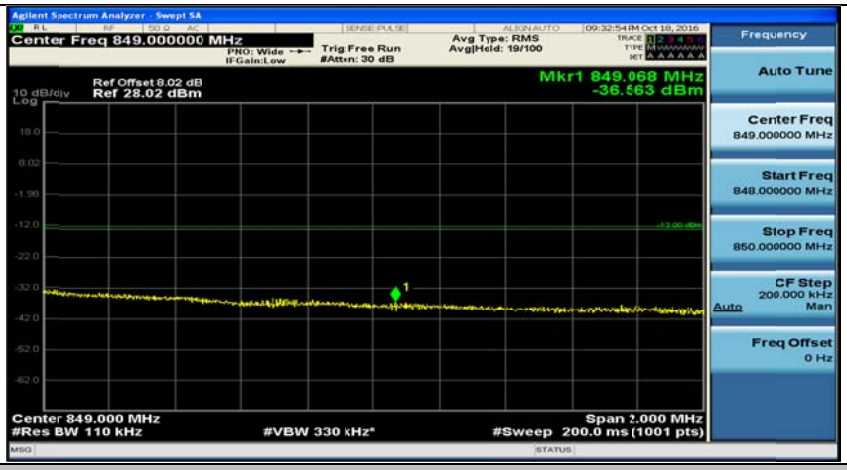



Channel Bandwidth: 10 MHz_LCH_16QAM_25RB#25

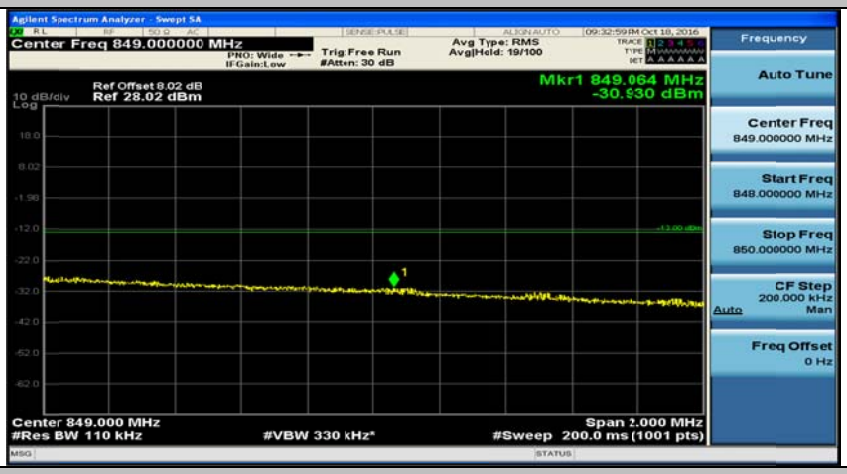



Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0

| Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#0 |
| --- |
| |
| Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#24 |
|  |
| Channel Bandwidth: 10 MHz_HCH_16QAM_1RB#49 |
| |
| Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#0 |




Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#12




Channel Bandwidth: 10 MHz_HCH_16QAM_25RB#25

Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

Agilent Spectrum Analyzer - Swept SA
Center Freq 849.000000 MHz
PNO: Wide
IFGain:Low
Trig: Free Run
#Atten: 30 dB
Avg Type: RMS
Avg|Held: 19/100
09:33:23 PM Oct 18, 2016
Frequency
Auto Tune
Mkr1 849.000 MHz
-25.835 dBm
Ref Offset 8.02 dB
10 dB/div
Ref 28.02 dBm
Log
18.0
8.02
-1.98
-12.0
-22.0
-32.0
-42.0
-52.0
-62.0
-13.00 dBm
Center Freq
849.000000 MHz
Start Freq
848.000000 MHz
Stop Freq
850.000000 MHz
CF Step
200.000 kHz
Auto
Man
Freq Offset
0 Hz
Center 849.000 MHz
#Res BW 200 kHz
#VBW 620 kHz*
Span 2.000 MHz
#Sweep 200.0 ms (1001 pts)
MSG
STATUS